

CLAIMS

[c1] 1. A method for providing a user interface for an application running on a communications device, said communications device being operatively coupled to a host device, said method comprising:

downloading an application from the host device to the communication device;
providing a user interface for said application on said host device; and
executing said application on said communication device.

[c2] 2. The method of claim 1, wherein said act of providing a user interface further includes the act of providing a device display area.

[c3] 3. The method of claim 2, wherein said device display area is displayed on a monitor of said host device.

[c4] 4. The method of claim 1, wherein said device display area corresponds in appearance to a mobile communication device.

[c5] 5. The method of claim 1, further including the act of providing a graphics display area within said device display area.

[c6] 6. The method of claim 5, further including the act of providing a graphics display area within said device display area.

[c7] 7. The method of claim 6, further including the act of routing the output of said application to said graphics display area.

[c8] 8. The method of claim 6, wherein said graphics display area corresponds in appearance to a mobile communications device.

[c9] 9. The method of claim 6, wherein the display capabilities of said graphics display area may be configured by a user.

- [c10] 10. The method of claim 5, further including the act of providing a user interface area within said device display area.
- [c11] 11. The method of claim 10, further including the act of routing user input provided in said user input area to said communication device.
- [c12] 12. The method of claim 10, wherein said user display area corresponds in appearance to a mobile communications device.
- [c13] 13. The method of claim 10, wherein the layout of said user input area may be configured by a user.
- [c14] 14. The method of claim 5, wherein said device display area is configured to mirror the display of said communication device.
- [c15] 15. The method of claim 5, wherein said device display area is configured to mirror the actions of said communication device.
- [c16] 16. An apparatus for providing a user interface for an application running on a communications device, said communications device being operatively coupled to a host device, said method comprising:
- means for downloading an application from the host device to the communication device;
 - means for providing a user interface for said application on said host device; and
 - means for executing said application on said communication device.
- [c17] 17. The apparatus of claim 16, further including means for providing a user interface further includes the act of providing a device display area.
- [c18] 18. The apparatus of claim 17, further including means for displaying said device display area on a monitor of said host device.

[c19] 19. The apparatus of claim 16, wherein said device display area corresponds in appearance to a mobile communication device.

[c20] 20. The apparatus of claim 16, further including means for providing a graphics display area within said device display area.

[c21] 21. The apparatus of claim 20 further including means for providing a graphics display area within said device display area.

[c22] 22. The apparatus of claim 21, further including means for routing the output of said application to said graphics display area.

[c23] 23. The apparatus of claim 21, wherein said graphics display area corresponds in appearance to a mobile communications device.

[c24] 24. The apparatus of claim 21, wherein the display capabilities of said graphics display area may be configured by a user.

[c25] 25. The apparatus of claim 20, further including means for providing a user interface area within said device display area.

[c26] 26. The apparatus of claim 25, further including means for routing user input provided in said user input area to said communication device.

[c27] 27. The apparatus of claim 25, wherein said user display area corresponds in appearance to a mobile communications device.

[c28] 28. The apparatus of claim 25, wherein the layout of said user input area may be configured by a user.

[c29] 29. The apparatus of claim 20, wherein said device display area is configured to mirror the display of said communication device.

[c30] 30. The apparatus of claim 20, wherein said device display area is configured to mirror the actions of said communication device.

[c31] 31. A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method providing a user interface for an application running on a communications device operatively coupled to a host device, said method comprising:

downloading an application from the host device to the communication device;
providing a user interface for said application on said host device; and
executing said application on said communication device.

[c32] 32. The device of claim 31, wherein said act of providing a user interface further includes the act of providing a device display area.

[c33] 33. The device of claim 32, wherein said device display area is displayed on a monitor of said host device.

[c34] 34. The device of claim 31, wherein said device display area corresponds in appearance to a mobile communication device.

[c35] 35. The device of claim 31, the method further including the act of providing a graphics display area within said device display area.

[c36] 36. The device of claim 35, further including the act of providing a graphics display area within said device display area.

[c37] 37. The device of claim 36, the method further including the act of routing the output of said application to said graphics display area.

[c38] 38. The device of claim 36, wherein said graphics display area corresponds in appearance to a mobile communications device.

[c39] 39. The device of claim 36, wherein the display capabilities of said graphics display area may be configured by a user.

[c40] 40. The device of claim 35, the method further including the act of providing a user interface area within said device display area.

[c41] 41. The device of claim 40, the method further including the act of routing user input provided in said user input area to said communication device.

[c42] 42. The device of claim 40, wherein said user display area corresponds in appearance to a mobile communications device.

[c43] 43. The device of claim 40, wherein the layout of said user input area may be configured by a user.

[c44] 44. The device of claim 35, wherein said device display area is configured to mirror the display of said communication device.

[c45] 45. The device of claim 35, wherein said device display area is configured to mirror the actions of said communication device.

[c46] 46. An apparatus for providing a user interface for an application running on a communications device, said communications device being operatively coupled to a host device, said method comprising:

a host device configured to exchange user input and display information to a display;

said host device being coupled to a communication device through a transport link; and

wherein said host device is configured to

download an application from the host device to the communication device;
provide a user interface for said application on said host device; and
execute said application on said communication device.

[c47] 47. The apparatus of claim 46, wherein said user interface further includes a device display area.

[c48] 48. The apparatus of claim 47, wherein said device display area is provided on a monitor of said host device.

[c49] 49. The apparatus of claim 1, wherein said device display area corresponds in appearance to a mobile communication device.

[c50] 50. The apparatus of claim 46, further including a graphics display area within said device display area.

[c51] 51. The apparatus of claim 50, wherein said host device is further configured to route the output of said application to said graphics display area.

[c52] 52. The apparatus of claim 50, wherein said graphics display area corresponds in appearance to a mobile communications device.

[c53] 53. The apparatus of claim 50, wherein the display capabilities of said graphics display area may be configured by a user.

[c54] 54. The apparatus of claim 50, wherein said host device is further configured to provide a user interface area within said device display area.

[c55] 55. The apparatus of claim 54, wherein said host device is further configured to route user input provided in said user input area to said communication device.

[c56] 56. The apparatus of claim 54, wherein said user display area corresponds in appearance to a mobile communications device.

[c57] 57. The apparatus of claim 54, wherein the layout of said user input area may be configured by a user.

[c58] 58. The apparatus of claim 47, wherein said device display area is configured to mirror the display of said communication device.

[c59] 59. The apparatus of claim 47, wherein said device display area is configured to mirror the actions of said communication device.